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**ECOSYS M3145idn**  
**ECOSYS M3645idn**

A4 BLACK AND WHITE  
MULTIFUNCTIONAL

# GREAT FUNCTIONALITY WITH **LOW RUNNING COSTS**



Increased productivity with 45 pages fast paced print output.

Long-life components provide unprecedented efficiency and reliability.

Easy to use compact design with double-sided-print, copy, and scan.

HyPAS™ solution platform enables powerful customisations.

HyPAS



These 45 ppm MFPs are the best choice for all demanding work groups looking for a compact, flexible and easy-to-use device combined with outstandingly low running costs. Simplified login possibilities eliminate access bottlenecks whilst maintaining the security of your documents. The document workflow can easily be optimised thanks to the individually customisable colour touch panel and the integrated open solution platform HyPAS™. Their long-life components provide exceptional reliability and low running costs, and help keep the environmental and financial impact to an absolute minimum.



The ECOSYS M3145idn and M3645idn incorporate extremely durable components that guarantee efficient and reliable operation, to meet the demanding requirements of busy office environments. They combine effective productivity and maximum flexibility whilst ensuring minimum impact on the environment.

## GENERAL

**Technology:** KYOCERA ECOSYS, Laser, Black & White, HyPAS™ solution platform  
**Operation panel:** 177.8 mm (7 inch) full-colour touch panel display, speaker for job notification (4in1), Tilt Mechanism  
**Type:** Desktop  
**Engine speed:** Up to 45 pages A4 per minute  
 Duplex print speed: 22.5 page per minute, A4  
 Duplex copy speed: 22.5 page per minute, A4  
**Resolution:** 1200 x 1200 dpi (print), 600 x 600 dpi (scan/copy)  
**Warm-up time:** Approx. 21 seconds or less  
**Time to first print:** Approx. 5.9 seconds or less in black and white  
**Time to first copy:** Approx. 7 or less in black and white (DP), Approx. 7 or less in black and white (Platen)  
**CPU:** ARM Cortex-A9 Dual core 1.2GHz + ARM Cortex-M3 100MHz  
**Memory:** Standard 1GB, Max. 3GB + 128GB SSD  
**Standard interface:** USB 2.0 (Hi-Speed), 2 x USB Host Interface, Gigabit Ethernet (10BaseT/100BaseTX/1000BaseT, IPv6, IPv4, IPsec), optional Wi-Fi (IEEE 802.11b/g/n), 1 eKUIO slot for optional internal print server, Slot for optional SD Card  
**Integrated accounting:** 100 department codes  
**Dimensions (W x D x H):** 475 x 476 x 575 mm  
**Weight:** Approx. 22.5 kg  
**Power source:** AC 220 ~ 240 V, 50/60 Hz  
**Power consumption**  
 Printing: 630 W  
 Copying: 652 W  
 Low power mode: 29 W  
 Ready mode: 50 W  
 Sleep-mode: 0.5 W  
**Noise (sound pressure level: ISO 7779/ISO 9296)**  
 Copying/Printing: 54 dB (A)  
 Stand-by: 30 dB (A)  
**Safety standards:** TÜV/GS, CE  
 This unit is manufactured according to ISO 9001 quality standard and ISO 14001 environmental standard.

## PAPER HANDLING

All paper capacities quoted are based on paper thickness of max. 0.11 mm. Please use paper recommended by KYOCERA under normal environmental conditions.  
**Input capacity:**  
 Multi-purpose tray: 100 sheets, 60–220g/m<sup>2</sup>, A4, A5, A6, B5, B6, Letter, Legal, Folio, Custom (70 x 148 to 216 x 356 mm). Standard universal paper cassette: 500 sheet, 60–120 g/m<sup>2</sup>, A4, A5, B5, B6, Letter, Legal, Folio, Custom (140 x 148 to 216 x 356 mm). Max. input capacity with options: 2,600 sheets A4  
**Duplex:** Standard duplex unit, 60–120 g/m<sup>2</sup>, A4, A5, B5, Letter, Legal  
**Document processor:** Reverse Auto Document Processor: standard, 75 sheets, 50–120 g/m<sup>2</sup>, A4, A5, A6, B5, Letter, Legal, Custom (105 x 148 to 216 x 356 mm)  
**Output capacity:** Max. 250 sheets face-down

## PRINT FUNCTIONS

**Controller language:** PRESCRIBE II  
**Emulations:** PCL6 (5c/XL), KPDL3 (PostScript 3 compatible), PDF Direct Print, XPS Direct Print, AES support, TIFF/JPEG Direct Print Support, Open XPS, Line Printer, IBM Proprinter X24E, Epson LQ-850  
**Operating systems:** All current Windows operating systems, MAC OS X Version 10.8 or higher, Unix, Linux as well as other operating systems on request  
**Fonts/barcodes:** 93 outline fonts (PCL6/KPDL 3), 8 fonts (Windows), 1 Bitmap font, 45 types of one-dimensional barcodes, 1 type of two-dimensional barcode (PDF417)  
**Print features:** PDF Direct Print, IPP printing, e-mail printing, WSD print, secure printing via SSL, IPsec, SNMPv3  
**Mobile printing support:** KYOCERA Mobile Print app for iOS and Android, KYOCERA MyPanel, AirPrint, Mopria, Direct Wi-Fi (Opt), Google cloud print

## COPY FUNCTIONS

**Max. original size:** A4/Legal  
**Continuous copying:** 1–999  
**Zoom range:** 25–400% in 1% steps  
**Preset magnification ratios:** 7 Reductions / 5 Enlargements  
**Image adjustments:** Text + Photo, Photo, Text, Chart/Map, Printing Document  
**Features:** Electronic sort (collate), ID card copy, 2in1, 4in1, auto cassette change, Skip blank page

## SCAN FUNCTIONS

**Functionality:** Scan-to-Email, Scan-to-FTP, Scan-to-SMB, Scan to USB Host, Scan-to-Box/Network TWAIN, WIA, WSD scan  
**Scan speed:** 60 ipm (300 dpi, A4, black and white), 40 ipm (300 dpi, A4 colour), 26 ipm (300 dpi, A4, black and white) (Duplex), 17 ipm (300 dpi, A4 colour) (Duplex)  
**Scan resolution:** 600, 400, 300, 200 dpi, 256 greyscales per colour  
**Max. scan size:** A4, Legal, Banner paper (max 915mm)  
**Original recognition:** Text, photo, text + photo, light text, optimised for OCR  
**File types:** TIFF, JPEG, XPS, Open XPS, PDF, PDF/A, PDF/A-1a/b, PDF/A-2a/b/u, Encrypted PDF, High compression PDF, MS Office file and Searchable PDF (optional Scan Extension Kit(A) is required)  
**Compression method:** MMR/JPEG  
**Features:** Banner Scan, Colour scan, integrated address book, Active Directory support, encrypted data transfer, multi send (e-mail, fax, SMB/FTP folder, print) at once, Blank page skip

## FAX FUNCTIONS (M3645idn only)

**Compatibility:** Super G3  
**Modem speed:** Max. 33.6 kbps  
**Transmission speed:** Max. 3 seconds (JIBG)  
**Scanning speed:** 2.0 seconds or less  
**Address book:** 200 entries

## Scanning density:

Normal: 8 dot/mm x 3.85 line/mm (200 x 100 dpi)  
 Fine: 8 dot/mm x 7.7 line/mm (200 x 200 dpi)  
 Superfine: 8 dot/mm x 15.4 line/mm (200 x 400 dpi)  
 Ultrafine: 16 dot/mm x 15.4 line/mm (400 x 400 dpi)  
 Halftone: 256 grey scales  
**Maximum original size:** A4/Legal, Banner (max 915mm)  
**Compression method:** JBIG, MMR, MR, MH  
**Memory reception:** 256 sheets or more  
**Features:** Network fax, duplex transmission and reception, encrypted transmission and reception, polling transmission and reception, broadcast

## CONSUMABLES

Average continuous toner yield in accordance ISO/IEC 19752  
**Toner Kit:** TK-3060, Micro fine black for 14,500 pages A4, Capacity of starter toner is black 6,000 pages

## OPTIONS

**Scan Extension Kit (A):** Scan to searchable PDF (embedded OCR) or to MS Office (docx, xlsx, pptx)  
 \*HD-6, HD-7 or SD-card is needed.  
**Paper handling**  
**PF-3110 Paper feeder (max 4 units):** 500 sheets, 60–220 g/m<sup>2</sup>, A4, A5, B5, Letter, Legal, Custom (92 x 162 mm to 216 x 356 mm)  
**Storage**  
**HD-6 SSD:** 32 GB for easy document management  
**HD-7 SSD:** 128 GB for easy document management  
**Security**  
**Data Security Kit (E):** (M3645idn only): In line with ISO 15408 (Common Criteria) with security level EAL2 (M3645idn only)  
 \*HD-6, HD-7 or SD-card is needed  
**Memory upgrade:** 512MB/1GB/2GB  
**UG-33:** ThinPrint support  
**USB IC Card Reader + Card Authentication Kit (B):** Support for various authentication keys available  
**Optional interface**  
**IB-36:** Direct Wi-Fi Interface & WLAN Interface  
**IB-50:** Gigabit-Ethernet board 10 BaseT/100 BaseTX/1,000 BaseT  
**IB-51:** Wireless LAN Interface (802.11b/g/n)  
**Cabinet**  
**CB-360W Cabinet High:** Wooden desk with storage capacity. Approx. 38 cm x 41 cm x 51 cm (W x D x H)  
**CB-365W Cabinet Low:** Wooden desk with storage capacity. Approx. 38 cm x 41 cm x 25 cm (W x D x H)

## WARRANTY

2-year warranty as standard.\*\* KYOCERA guarantees the drum and developer for 3 years or 500,000 pages (whichever occurs sooner), provided each device is used and cleaned in accordance with the service instructions.

**KYO LIFE** Up to 5-year on-site warranty extensions available for product and options.



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\*\* Depending on the country

YOUR KYOCERA BUSINESS PARTNER

